## **CLAIMS**

1. A compound of the general formula (I):

wherein

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 $R^2$  is hydrogen or  $C_{1-6}$ -alkyl,

Z is arylene or a divalent radical derived from a 5 or 6 membered heteroaromatic ring containing 1 or 2 heteroatoms selected from nitrogen, oxygen and sulfur,

which may optionally be substituted with one or two groups  $R^7$  and  $R^8$  selected from halogen, -CN, -CF<sub>3</sub>, -OCF<sub>3</sub>, -NO<sub>2</sub>, -OR<sup>9</sup>, -NR<sup>9</sup>R<sup>10</sup> and C<sub>1-6</sub>-alkyl,

wherein  $R^9$  and  $R^{10}$  independently are hydrogen or  $C_{1\text{--}8}\text{--alkyl},$ 

X is

$$-(CH_{2})_{q}^{-}(CR^{12}R^{13})_{r}^{-}(CH_{2})_{s}^{-} \quad , \qquad -\frac{O}{\square} (CR^{12}R^{13})_{r}^{-}(CH_{2})_{s}^{-} \quad , \qquad -\frac{O}{\square} (CH_{2})_{q}^{-} - (CR^{12}R^{13})_{r}^{-} - (CH_{2})_{s}^{-} \quad , \qquad -\frac{O}{\square} (CH_{2})_{q}^{-} - (CR^{12}R^{13})_{r}^{-} - (CH_{2})_{s}^{-} \quad$$

5 wherein

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r is 0 or 1,

q and s independently are 0, 1, 2 or 3,

 $R^{11},\,R^{12},\,R^{13}$  and  $R^{14}$  independently are hydrogen or  $C_{1\text{-}6}\text{-}alkyl,$ 

D is

5 wherein

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 $R^{15},\,R^{16},\,R^{17}$  and  $R^{18}$  independently are

- hydrogen, halogen, -CN, -CH<sub>2</sub>CN, -CHF<sub>2</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCF<sub>2</sub>CHF<sub>2</sub>, -S(O)<sub>2</sub>CF<sub>3</sub>, -SCF<sub>3</sub>, -NO<sub>2</sub>, -OR<sup>21</sup>, -NR<sup>21</sup>R<sup>22</sup>, -SR<sup>21</sup>, -NR<sup>21</sup>S(O)<sub>2</sub>R<sup>22</sup>, -S(O)<sub>2</sub>NR<sup>21</sup>R<sup>22</sup>, -S(O)NR<sup>21</sup>R<sup>22</sup>, -S(O)R<sup>21</sup>, -S(O)<sub>2</sub>R<sup>21</sup>, -C(O)NR<sup>21</sup>R<sup>22</sup>, -OC(O)NR<sup>21</sup>R<sup>22</sup>, -NR<sup>21</sup>C(O)R<sup>22</sup>, -CH<sub>2</sub>C(O)NR<sup>21</sup>R<sup>22</sup>, -OCH<sub>2</sub>C(O)NR<sup>21</sup>R<sup>22</sup>, -CH<sub>2</sub>OR<sup>21</sup>, -CH<sub>2</sub>NR<sup>21</sup>R<sup>22</sup>, -OC(O)R<sup>21</sup>, -C(O)R<sup>21</sup> or -C(O)OR<sup>21</sup>,
- $C_{1-6}$ -alkyl,  $C_{2-6}$ -alkenyl or  $C_{2-6}$ -alkynyl,

which may optionally be substituted with one or more substituents selected from halogen, -CN, -CF<sub>3</sub>, -OCF<sub>3</sub>, -NO<sub>2</sub>, -OR<sup>21</sup>, -NR<sup>21</sup>R<sup>22</sup> and C<sub>1-6</sub>-alkyl,

C<sub>3-8</sub>-cycloalkyl, C<sub>4-8</sub>-cycloalkenyl, heterocyclyl, C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkyl, C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkoxy, C<sub>3-8</sub>-cycloalkyloxy, C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkylthio, C<sub>3-8</sub>-cycloalkylthio,

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$$\begin{split} &C_{3\text{-8}}\text{-cycloalkyl-}C_{2\text{-6}}\text{-alkenyl},\ C_{3\text{-8}}\text{-cycloalkyl-}C_{2\text{-6}}\text{-alkynyl},\ C_{4\text{-8}}\text{-cycloalkenyl-}C_{1\text{-6}}\text{-alkyl},\ C_{4\text{-8}}\text{-cycloalkenyl-}C_{2\text{-6}}\text{-alkenyl},\ C_{4\text{-8}}\text{-cycloalkenyl-}C_{2\text{-6}}\text{-alkynyl},\ heterocyclyl-}C_{1\text{-6}}\text{-alkyl},\ heterocyclyl-}C_{2\text{-6}}\text{-alkynyl},\ aryl,\ aryloxy,\ aryloxy,\ aryloxycarbonyl,\ aroyl,\ aryl-}C_{1\text{-6}}\text{-alkoxy},\ aryl-}C_{1\text{-6}}\text{-alkyl},\ aryl-}C_{2\text{-6}}\text{-alkenyl},\ aryl-}C_{2\text{-6}}\text{-alkynyl},\ heteroaryl-}C_{2\text{-6}}\text{-alkynyl},\ heteroaryl-}C_{2\text{-6}}\text{-alkynyl},\$$

of which the cyclic moieties optionally may be substituted with one or more substituents selected from halogen, -CN, -CF<sub>3</sub>, -OCF<sub>3</sub>, -NO<sub>2</sub>, -OR<sup>21</sup>, -NR<sup>21</sup>R<sup>22</sup> and  $C_{1-6}$ -alkyl,

wherein R<sup>21</sup> and R<sup>22</sup> independently are hydrogen, C<sub>1-6</sub>-alkyl or aryl,

or R<sup>21</sup> and R<sup>22</sup> when attached to the same nitrogen atom together with the said nitrogen atom may form a 3 to 8 membered heterocyclic ring optionally containing one or two further heteroatoms selected from nitrogen, oxygen and sulfur, and optionally containing one or two double bonds,

or two of the groups  $R^{15}$  to  $R^{18}$  when placed in adjacent positions together may form a bridge  $-(CR^{23}R^{24})_a$ -O- $(CR^{25}R^{26})_c$ -O-,

wherein

a is 0, 1 or 2,

25 c is 1 or 2,

R<sup>23</sup>, R<sup>24</sup>, R<sup>25</sup> and R<sup>26</sup> independently are hydrogen, C<sub>1-6</sub>-alkyl or fluorine,

 $R^{19}$  and  $R^{20}$  independently are hydrogen,  $C_{1-6}$ -alkyl,  $C_{3-8}$ -cycloalkyl or  $C_{3-8}$ -cyclo-alkyl- $C_{1-6}$ -alkyl,

R<sup>27</sup>

E is

R<sup>30</sup>

R<sup>30</sup> R<sup>31</sup>

wherein

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R<sup>27</sup> and R<sup>28</sup> independently are

hydrogen, halogen, -CN, -CF $_3$ , -OCF $_3$ , -OR $^{32}$ , -NR $^{32}$ R $^{33}$ , C $_{1-6}$ -alkyl, C $_{3-8}$ -cycloalkyl, C $_{4-8}$ -cycloalkenyl or aryl,

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wherein the cyclic moieties optionally may be substituted with one or more substituents selected from halogen, -CN, -CF $_3$ , -OCF $_3$ , -NO $_2$ , -OR $^{32}$ , -NR $^{32}$ R $^{33}$  and C $_{1-6}$ -alkyl,

wherein

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 $R^{32}$  and  $R^{33}$  independently are hydrogen or  $C_{\text{1-6}}\text{-alkyl},$  or

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R<sup>32</sup> and R<sup>33</sup> when attached to the same nitrogen atom together with the said nitrogen atom may form a 3 to 8 membered heterocyclic ring optionally containing one or two further heteroatoms selected from nitrogen, oxygen and sulfur, and optionally containing one or two double bonds,

R<sup>29</sup>, R<sup>30</sup> and R<sup>31</sup> independently are

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hydrogen, halogen, -CHF<sub>2</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCF<sub>2</sub>CHF<sub>2</sub>, -SCF<sub>3</sub>, -OR<sup>34</sup>, -NR<sup>34</sup>R<sup>35</sup>, -SR<sup>34</sup>, -S(O)R<sup>34</sup>, -S(O)<sub>2</sub>R<sup>34</sup>, -C(O)NR<sup>34</sup>R<sup>35</sup>, -OC(O)NR<sup>34</sup>R<sup>35</sup>, -NR<sup>34</sup>C(O)R<sup>35</sup>, -OCH<sub>2</sub>C(O)NR<sup>34</sup>R<sup>35</sup>, -C(O)R<sup>34</sup> or -C(O)OR<sup>34</sup>,

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C<sub>1-6</sub>-alkyl, C<sub>2-6</sub>-alkenyl or C<sub>2-6</sub>-alkynyl,

which may optionally be substituted with one or more substituents selected from halogen, -CN, -CF<sub>3</sub>, -OCF<sub>3</sub>, -NO<sub>2</sub>, -OR<sup>34</sup>, -NR<sup>34</sup>R<sup>35</sup> and C<sub>1-6</sub>-alkyl,

C<sub>3-8</sub>-cycloalkyl, C<sub>4-8</sub>-cycloalkenyl, heterocyclyl, C<sub>3-8</sub>-cycloalkyl-C<sub>1-6</sub>-alkyl, C<sub>3-8</sub>-cycloalkyl-C<sub>2-6</sub>-alkenyl, C<sub>3-8</sub>-cycloalkyl-C<sub>2-6</sub>-alkynyl, C<sub>4-8</sub>-cycloalkenyl-C<sub>1-6</sub>-alkyl, C<sub>4-8</sub>-cycloalkenyl-C<sub>2-6</sub>-alkenyl, C<sub>4-8</sub>-cycloalkenyl-C<sub>2-6</sub>-alkynyl, heterocyclyl-C<sub>1-6</sub>-alkyl, heterocyclyl-C<sub>2-6</sub>-alkenyl, heterocyclyl-C<sub>2-6</sub>-alkynyl, aryl, aryloxy, aroyl, aryl-C<sub>1-6</sub>-alkoxy, aryl-C<sub>1-6</sub>-alkyl, aryl-C<sub>2-6</sub>-alkenyl, aryl-C<sub>2-6</sub>-alkynyl, heteroaryl, heteroaryl-C<sub>1-6</sub>-alkyl, heteroaryl-C<sub>2-6</sub>-alkenyl or heteroaryl-C<sub>2-6</sub>-alkynyl,

of which the cyclic moieties optionally may be substituted with one or more substituents selected from halogen, -CN, -CF<sub>3</sub>, -OCF<sub>3</sub>, -NO<sub>2</sub>, -OR<sup>34</sup>, -NR<sup>34</sup>R<sup>35</sup> and  $C_{1.6}$ -alkyl,

wherein R<sup>34</sup> and R<sup>35</sup> independently are hydrogen, C<sub>1-6</sub>-alkyl or aryl,

or R<sup>34</sup> and R<sup>35</sup> when attached to the same nitrogen atom together with the said nitrogen atom may form a 3 to 8 membered heterocyclic ring optionally containing one or two further heteroatoms selected from nitrogen, oxygen and sulfur, and optionally containing one or two double bonds,

or two of the groups R<sup>29</sup>, R<sup>30</sup> and R<sup>31</sup> when attached to the same ring carbon atom or different ring carbon atoms together may form a radical -O-(CH<sub>2</sub>)<sub>t</sub>-CR<sup>36</sup>R<sup>37</sup>-(CH<sub>2</sub>)<sub>t</sub>-O-,
-(CH<sub>2</sub>)<sub>t</sub>-CR<sup>36</sup>R<sup>37</sup>-(CH<sub>2</sub>)<sub>t</sub>- or -S-(CH<sub>2</sub>)<sub>t</sub>-CR<sup>36</sup>R<sup>37</sup>-(CH<sub>2</sub>)<sub>t</sub>-S-,

wherein

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t and I independently are 0, 1, 2, 3, 4 or 5,

R<sup>36</sup> and R<sup>37</sup> independently are hydrogen or C<sub>1.6</sub>-alkyl,

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as well as any optical or geometric isomer or tautomeric form thereof including mixtures of these or a pharmaceutically acceptable salt thereof.

- 2. A compound according to claim 1, wherein R<sup>2</sup> is hydrogen.
- 3. A compound according to claim 1, wherein  $\boldsymbol{Z}$  is

- wherein R<sup>7</sup> and R<sup>8</sup> are as defined in claim 1.
  - 4. A compound according to claim 3, wherein Z is

5. A compound according to claim 1, wherein X is

- wherein q is 0 or 1, r is 0 or 1, s is 0, 1 or 2, and  $R^{12}$  and  $R^{13}$  independently are hydrogen or  $C_{1.6}$ -alkyl.
- 6. A compound according to claim 5, wherein X is -C(O)NH-,  $-C(O)NHCH_2$ -,  $-C(O)NHCH(CH_3)$ -,  $-C(O)NHCH_2$ CH<sub>2</sub>-,  $-C(O)CH_2$ -, -C(O)CH=CH-,  $-(CH_2)_s$ -, -C(O)-, -C(O)0- or -NHC(O)-, wherein s is 0 or 1.
  - 7. A compound according to claim 6, wherein X is -C(O)NH-,  $-C(O)NHCH_2-$ ,  $-C(O)NHCH(CH_3)-$ ,  $-C(O)NHCH_2CH_2-$ ,  $-C(O)CH_2-$ ,  $-CH_2-$ , -C(O)- or -NHC(O)-.
- 8. A compound according to claim 7, wherein X is -C(O)NH-.

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9. A compound according to claim 1, wherein D is

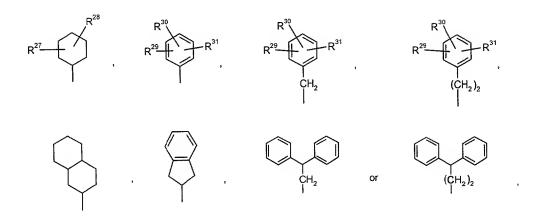
$$R^{15}$$
 ,  $R^{16}$  ,

- 5 wherein R<sup>15</sup>, R<sup>16</sup>, R<sup>17</sup>, R<sup>18</sup>, R<sup>19</sup> and R<sup>20</sup> are as defined in claim 1.
  - 10. A compound according to claim 9, wherein D is

wherein  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  are as defined in claim 1.

- 11. A compound according to claim 9, wherein  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  independently are hydrogen, halogen, -CN, -NO<sub>2</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -SCF<sub>3</sub>,  $C_{1-6}$ -alkyl,  $C_{1-6}$ -alkoxy, -S- $C_{1-6}$ -alkyl, -C(O)OR<sup>21</sup>, -C(O)R<sup>21</sup>, -C(O)NR<sup>21</sup>R<sup>22</sup>, -S(O)<sub>2</sub>R<sup>21</sup>, -S(O)<sub>2</sub>CF<sub>3</sub>, -S(O)<sub>2</sub>NR<sup>21</sup>R<sup>22</sup>,  $C_{3-8}$ -cycloalkyl or aryl, or two of the groups  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  when placed in adjacent positions together form a bridge –(CR<sup>23</sup>R<sup>24</sup>)<sub>a</sub>-O-(CR<sup>25</sup>R<sup>26</sup>)<sub>c</sub>-O-, wherein  $R^{21}$  and  $R^{22}$  independently are hydrogen or  $C_{1-6}$ -alkyl, and a, c,  $R^{23}$ ,  $R^{24}$ ,  $R^{25}$  and  $R^{26}$  are as defined in claim 1.
- 12. A compound according to claim 11, wherein R<sup>15</sup>, R<sup>16</sup> and R<sup>17</sup> independently are hydrogen, halogen, -CN, -CF<sub>3</sub>, -OCF<sub>3</sub> or C<sub>1.6</sub>-alkoxy.
  - 13. A compound according to claim 12, wherein  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  independently are hydrogen, halogen, -CF<sub>3</sub> or -OCF<sub>3</sub>.

14. A compound according to claim 1, wherein E is



- 5 wherein  $R^{27}$ ,  $R^{28}$ ,  $R^{29}$ ,  $R^{30}$  and  $R^{31}$  are as defined in claim 1.
  - 15. A compound according to claim 14, wherein E is

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wherein  $R^{27}$  and  $R^{28}$  are as defined in claim 1.

- 16. A compound according to claim 14, wherein R<sup>27</sup> and R<sup>28</sup> independently are
- hydrogen, C<sub>1-6</sub>-alkyl,
  - C<sub>3-8</sub>-cycloalkyl, C<sub>4-8</sub>-cycloalkenyl or phenyl, which may optionally be substituted as defined in claim 1.
- 20 17. A compound according to claim 16, wherein R<sup>27</sup> is hydrogen and R<sup>28</sup> is
  - C<sub>1-6</sub>-alkyl,

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• C<sub>4-8</sub>-cycloalkenyl or C<sub>3-8</sub>-cycloalkyl, which may optionally be substituted as defined in claim 1.

18. A compound according to claim 14, wherein E is

wherein R<sup>29</sup>, R<sup>30</sup> and R<sup>31</sup> are as defined in claim 1.

10 19. A compound according to claim 18, wherein E is

wherein  $R^{29}$ ,  $R^{30}$  and  $R^{31}$  are as defined in claim 1.

20. A compound according to claim 18, wherein R<sup>29</sup>, R<sup>30</sup> and R<sup>31</sup> independently are

- hydrogen, -CHF<sub>2</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -OCHF<sub>2</sub>, -OCH<sub>2</sub>CF<sub>3</sub>, -OCF<sub>2</sub>CHF<sub>2</sub>, -SCF<sub>3</sub>, -OR<sup>34</sup>, -NR<sup>34</sup>R<sup>35</sup>, -SR<sup>34</sup>, -S(O)R<sup>34</sup>, -S(O)<sub>2</sub>R<sup>34</sup>, -C(O)NR<sup>34</sup>R<sup>35</sup>, -OC(O)NR<sup>34</sup>R<sup>35</sup>, -NR<sup>34</sup>C(O)R<sup>35</sup>, -OCH<sub>2</sub>C(O)NR<sup>34</sup>R<sup>35</sup>, -C(O)R<sup>34</sup> or -C(O)OR<sup>34</sup>,
- C<sub>1-6</sub>-alkyl, C<sub>2-6</sub>-alkenyl or C<sub>2-6</sub>-alkynyl,

which may optionally be substituted with one or more substituents selected from halogen, -CN, -CF<sub>3</sub>, -OCF<sub>3</sub>, -NO<sub>2</sub>, -OR<sup>34</sup>, -NR<sup>34</sup>R<sup>35</sup> and C<sub>1-6</sub>-alkyl,

C<sub>3-8</sub>-cycloalkyl or C<sub>4-8</sub>-cycloalkenyl,

which may optionally be substituted with one or more substituents selected from halogen, -CN, -CF<sub>3</sub>, -OCF<sub>3</sub>, -NO<sub>2</sub>, -OR<sup>34</sup>, -NR<sup>34</sup>R<sup>35</sup> and C<sub>1-6</sub>-alkyl,

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wherein R<sup>34</sup> and R<sup>35</sup> independently are hydrogen, C<sub>1-6</sub>-alkyl or aryl,

or R<sup>34</sup> and R<sup>35</sup> when attached to the same nitrogen atom together with the said nitrogen atom may form a 3 to 8 membered heterocyclic ring optionally containing one or two further heteroatoms selected from nitrogen, oxygen and sulfur, and optionally containing one or two double bonds.

- 21. A compound according to claim 20, wherein  $R^{29}$ ,  $R^{30}$  and  $R^{31}$  independently are hydrogen,  $C_{1-6}$ -alkoxy, -CF<sub>3</sub>, -OCF<sub>3</sub> or -NR<sup>34</sup>R<sup>35</sup>, wherein R<sup>34</sup> and R<sup>35</sup> are as defined in claim 1, or
- $C_{1-8}$ -alkyl,  $C_{3-8}$ -cycloalkyl or  $C_{4-8}$ -cycloalkenyl, which are optionally substituted as defined in claim 1.
  - 22. A compound according to claim 21, wherein  $\mathsf{R}^{29},\,\mathsf{R}^{30}$  and  $\mathsf{R}^{31}$  independently are hydrogen or
  - $C_{1-6}$ -alkyl,  $C_{3-8}$ -cycloalkyl or  $C_{4-8}$ -cycloalkenyl, which are optionally substituted as defined in claim 1.
- 23. A compound according to claim 22, wherein R<sup>29</sup>, R<sup>30</sup> and R<sup>31</sup> independently are hydrogen, C<sub>1-6</sub>-alkyl, C<sub>3-8</sub>-cycloalkyl or C<sub>4-8</sub>-cycloalkenyl, wherein C<sub>3-8</sub>-cycloalkyl or C<sub>4-8</sub>-cycloalkenyl are optionally substituted with C<sub>1-6</sub>-alkyl.
  - 24. A compound according to claim 23, wherein  $R^{29}$  and  $R^{31}$  are both hydrogen and  $R^{30}$  is  $C_{1-6}$ -alkyl,  $C_{3-8}$ -cycloalkyl or  $C_{4-8}$ -cycloalkenyl, wherein  $C_{3-8}$ -cycloalkyl or  $C_{4-8}$ -cycloalkenyl are optionally substituted with  $C_{1-6}$ -alkyl.
  - 25. A compound according to claim 24, wherein  $R^{29}$  and  $R^{31}$  are both hydrogen and  $R^{30}$  is  $C_{1-8}$ -alkyl.

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- 26. A compound according to claim 25, wherein  $R^{29}$  and  $R^{31}$  are both hydrogen and  $R^{30}$  is  $C_{4-8}$ -cycloalkenyl which is optionally substituted with  $C_{1-6}$ -alkyl.
- 27. A compound according to claim 1, wherein said compound has an IC<sub>50</sub> value of no greater than 5 μM as determined by the Glucagon Binding Assay (I) or Glucagon Binding Assay (II).
  - 28. A compound according to claim 27, wherein said compound has an IC $_{50}$  value of less than 1  $\mu$ M, preferably of less than 500 nM and even more preferred of less than 100 nM as determined by the Glucagon Binding Assay (I) or Glucagon Binding Assay (II).
  - 29. A compound according to claim 1, wherein said compound is an agent useful for the treatment and/or prevention of an indication selected from the group consisting of hyperglycemia, impaired glucose tolerance, Type 2 diabetes, Type 1 diabetes and obesity.
  - 30. A compound according to any one of the claims 1 to 29 for use as a medicament.
  - 31. A pharmaceutical composition comprising at least one compound according to claim 1 together with one or more pharmaceutically acceptable carriers or excipients.
  - 32. A pharmaceutical composition according to claim 31 in unit dosage form, said composition comprising from about 0.05 mg to about 1000 mg of the compound according to claim 1.
- 33. Use of a compound according to any one of the claims 1 to 29 for the preparation of a
   medicament for the treatment and/or prevention of disorders or diseases, wherein a glucagon antagonistic action is beneficial.
  - 34. Use of a compound according to any one of the claims 1 to 29 for the preparation of a medicament for the treatment and/or prevention of glucagon-mediated disorders and diseases.
  - 35. Use of a compound according to any one of the claims 1 to 29 for the preparation of a medicament for the treatment and/or prevention of hyperglycemia.

- 36. Use of a compound according to any one of the claims 1 to 29 for the preparation of a medicament for lowering blood glucose in a mammal.
- 37. Use of a compound according to any one of the claims 1 to 29 for the preparation of a
  medicament for the treatment and/or prevention of IGT.
  - 38. Use of a compound according to any one of the claims 1 to 29 for the preparation of a medicament for the treatment and/or prevention of Type 2 diabetes.
- 39. Use according to claim 38 for the preparation of a medicament for the delaying or prevention of the progression from IGT to Type 2 diabetes.
  - 40. Use according to claim 38 for the preparation of a medicament for the delaying or prevention of the progression from non-insulin requiring Type 2 diabetes to insulin requiring Type 2 diabetes.
  - 41. Use of a compound according to any one of the claims 1 to 29 for the preparation of a medicament for the treatment and/or prevention of Type 1 diabetes.
- 42. Use of a compound according to any one of the claims 1 to 29 for the preparation of a medicament for the treatment and/or prevention of obesity.
  - 43. Use according to any one of the claims 33 to 42 in a regimen which comprises treatment with a further antidiabetic agent.
  - 44. Use according to any one of the claims 33 to 43 in a regimen which comprises treatment with a further antiobesity agent.
  - 45. Use according to any one of the claims 33 to 44 in a regimen which additionally comprises treatment with an antihypertensive agent.
    - 46. A method for the treatment and/or prevention of disorders or diseases, wherein a glucagon antagonistic action is beneficial, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.

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- 47. The method according to claim 46, wherein the effective amount of the compound is in the range of from about 0.05 mg to about 2000 mg per day.
- 48. The method according to claim 46, wherein the effective amount of the compound is in the range of from about 0.1 mg to about 1000 mg per day.
  - 49. The method according to claim 46, wherein the effective amount of the compound is in the range of from about 0.5 mg to about 500 mg per day.
- 50. A method for the treatment and/or prevention of glucagon-mediated disorders and diseases, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.
- 51. A method for the treatment and/or prevention of hyperglycemia, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.
  - 52. A method for for lowering blood glucose in a mammal, said method comprising administering to said mammal in need thereof an effective amount of a compound according to claim 1.
  - 53. A method for the treatment and/or prevention of impaired glucose tolerance, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.
  - 54. A method for the treatment and/or prevention of Type 2 diabetes, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.
- 55. A method for delaying or preventing the progression from impaired glucose tolerance to Type 2 diabetes, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.

- 56. A method for delaying or preventing the progression from non-insulin requiring Type 2 diabetes to insulin requiring Type 2 diabetes, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.
- 5 57. A method for the treatment and/or prevention of Type 1 diabetes, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.
- 58. A method for the treatment and/or prevention of obesity, said method comprising administering to a subject in need thereof an effective amount of a compound according to claim 1.
  - 59. The method according to claim 46, further comprising administering an antidiabetic agent to said subject.
- 15 60. The method according to claim 46, further comprising administering an antiobesity agent to said subject.
  - 61. The method according to claim 46, further comprising administering an antihypertensive agent to said subject.
  - 62. A pharmaceutical composition according to claim 31 in unit dosage form, said composition comprising from about 0.1 mg to about 500 mg of the compound according to claim 1.
- 25 63. A pharmaceutical composition according to claim 31 in unit dosage form, said composition comprising from about 0.5 mg to about 200 mg of the compound according to claim 1.
- 64. A compound according to claim 27, wherein said compound has an IC<sub>50</sub> value of less than 500 nM as determined by the Glucagon Binding Assay (I) or Glucagon Binding Assay (II).
  - 65. A compound according to claim 27, wherein said compound has an IC<sub>50</sub> value of less than 100 nM as determined by the Glucagon Binding Assay (I) or Glucagon Binding Assay (II).